Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Tuesday 15 Dec 2020 until 23:59 on Wednesday 16 Dec 2020

Forecast Issued on Tuesday 15 Dec 2020 at 03:33

Confidence: High for the unsettled, windy weather continuing through the coming week but lower for details regarding cloud and timing of the various rain bands.

Headline for Tuesday 15 Dec 2020: Rather cloudy with showers or longer spells of rain dying out.

Mountain weather hazards on Tuesday 15 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Fog	Fog
Precipitation probability					
60%	40%	40%	30%	20%	<05%

Forecast for Tuesday 15 Dec 2020

Weather: A rather cloudy day for most with further occasionally heavy showers, again a little wintry on the higher fells, and across southern and western fells the showers merging at times to give some longer spells of occasionally heavy rain. Best of any brighter or sunnier spells expected across more northern fells. During the evening the showers die out with clear spells developing more widely.

Chance of cloud free mountain/hill tops above 800m: Around 25% in the south and west with periods above 600m and patches below but nearer 75% in the north with cloud more occasional.

Visibility: Good falling to several kilometres in rain and showers and perhaps a kilometre in summit wintriness

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Forecast for Tuesday 15 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	33/39 S	32/38 S	31/39 S	32/40 S	30/39 S	27/34 S	31/39 S
600	29/38 S	29/38 S	27/36 S	27/37 S	26/37 S	24/34 S	28/39 S
300	11/28 S	12/30 S	11/27 S	12/30 S	10/27 S	9/24 S	10/27 SE
Valley	9/24 S	11/25 S	9/23 S	12/28 S	9/23 S	9/22 S	10/25 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	2/-6	2/-6	1/-6	2/-6	2/-6	2/-5	1/-6
600	3/-3	3/-3	3/-3	3/-3	3/-3	3/-3	2/-4
300	5/2	6/2	6/2	6/2	5/2	5/2	4/1
Valley	7/5	8/5	8/6	8/5	8/5	7/4	6/3
Freezing Level*	1100m	1100m	1100m	1100m	1000m	1100m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 50mph over ridges and summits.

Forecast for Wednesday 16 Dec 2020

Weather: Dry with clear spells at first but increasing cloud brings occasionally heavy rain northeast towards the end of the night. A cloudy morning follows with outbreaks of further occasionally heavy rain, the rain clearing to sunny spells and showers for the afternoon. During the evening the showers are expected to merge to give more persistent and occasionally heavy rain.

Maximum wind: Southeasterly 25-30mph increasing 35-45mph with gusts around 65mph over ridges and summits, veering southerly in the afternoon and slowly easing.

Chance of cloud free mountain/hill tops above 800m: Little chance through the morning becoming with periods or persistent cloud above 600m and patches below improving to 75% for a time during the afternoon as cloud becomes occasional above 600m.

Visibility: Good or very good falling to just a few kilometres in heavy rain

Temperature: **Valleys:** Around plus 5 Celsius overnight rising to plus 8 Celsius by day
At 800m: Around plus 3 Celsius.
Freezing level: Above the summits.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Monday 14 December. Location: Helvellyn summit at 12:00. The remnants of last week's snow storm are rapidly disappearing from the Lake District fells helped on their way by some very heavy rain.
The few patches of wet snow remaining are to be found on easterly aspects above 800m and in and around sheltered hollows & features on other slopes. The vast majority of paths including the scrambles of Striding & Swirral Edges can now be climbed without setting foot on snow. With the current thaw and heavy rain over the last few days many of the streams and rivers are now in spate making river crossings tricky and potentially dangerous. Full winter clothing is currently required by anyone venturing onto the fells. Wind, rain and insufficient wet clothing are a perfect recipe for hypothermia especially if you are moving slowly for some unforeseen reason. Temperature: plus 2.3 C, Maximum wind speed 35.3 mph, Wind chill: minus 5.6 C, Average wind speed: 27.2 mph

Issued at: 03:33 on Tue 15 Dec 2020

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